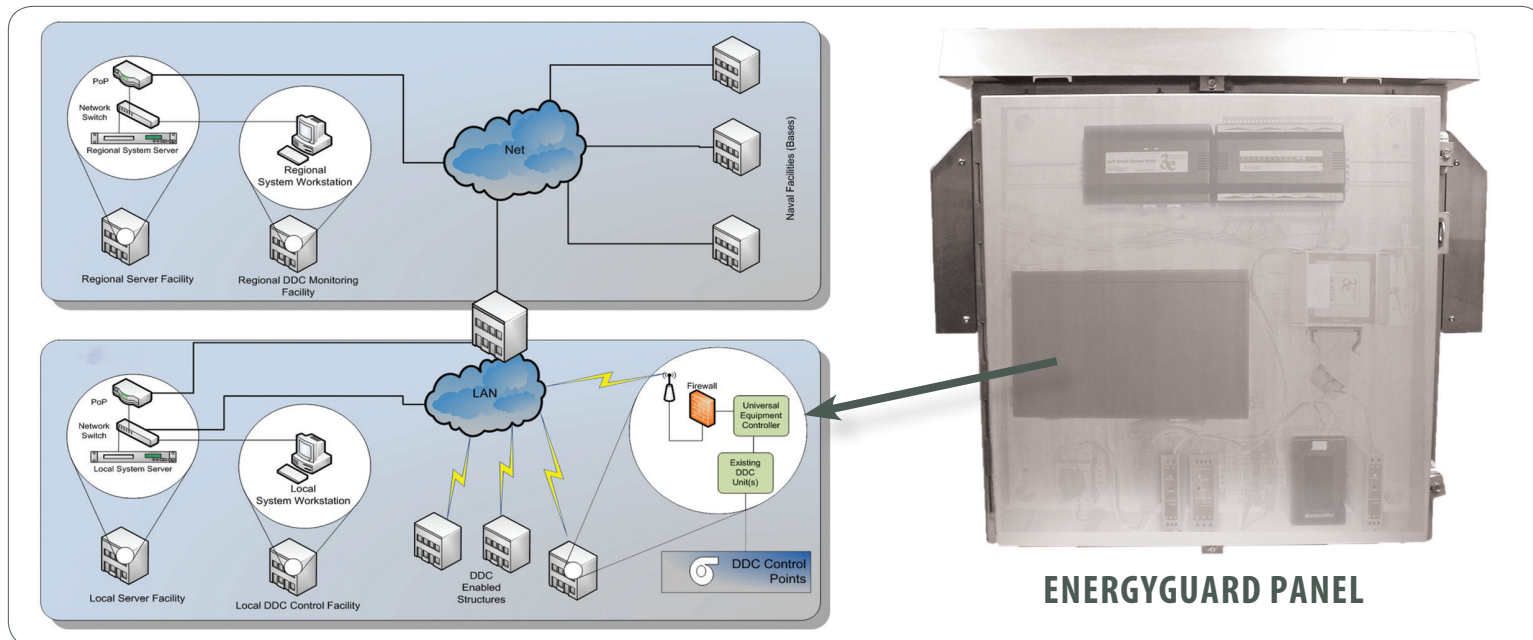


# Enterprise Industrial Control System

## Wireless Energy and Resource Management



### BENEFITS

- **Easy to use:** Intuitive Graphical User Interface (GUI) for monitoring, control and data storage/retrieval
- **Remote monitoring and control of all connected SCADA and DDC Systems**
- **Secure: and accreditable:** Meets DoD and Navy network IA requirements
- **Low cost:** Communication is provided by reusing the existing network infrastructure augmented with secure wireless nodes
- **Scalable**

### Challenge

Commander Naval Installations Command (CNIC) and Naval Facilities Engineer Command, in support of the Navy's Green IT and energy conservation efforts, require a cost effective and accredited network capability to monitor legacy supervisory Control and Data Acquisition (SCADA) and Direct Digital Controls (DDC) associated with a facilities critical infrastructure equipment and systems.

To use energy more efficiently and to achieve cost reductions, the Navy must know current usage patterns. This requires a capability to collect data and conduct analysis on existing usage with details at the building and base level. Then, based on the usage baseline for a given location, the Navy must be able to remotely control the infrastructure equipment that drives the energy usage.

### Solution

3eTI's Enterprise Industrial Control System (EICS) is a real-time monitoring and control system that utilizes an array of industrial control and communication technologies to provide monitoring and control of designated infrastructure equipment such as HVAC systems, generators, water treatment pumps, and the like. EICS integrates SCADA/DDC systems into a local monitoring, control, and reporting architecture. EICS is currently deployed at NSWC Dahlgren, Indian Head, and Washington Navy Yard, enabling these facilities to more efficiently and effectively manage current SCADA/DDC systems.

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